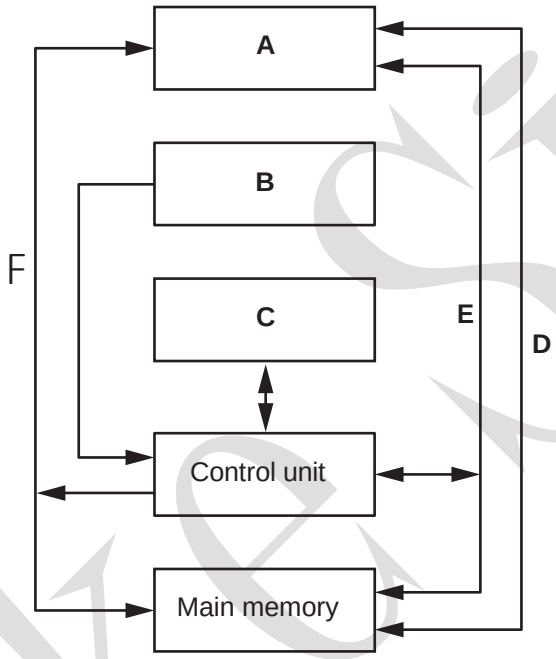
CSc Practical Worksheet 2

A'S

Paper 1

Topic: Computer Architecture (Chapter 5)

1 The following diagram shows the components and buses found inside a typical personal computer (PC).



(a) Some components and buses only have labels **A** to **F** to identify them.

For each label, choose the appropriate title from the following list. The title for label **D** is already given.

- Control bus
- Address bus
- Arithmetic Logic Unit (ALU)
- General purpose registers
- Secondary storage
- System clock

A .....

B .....

C .....

D Data bus

E .....

F .....

Duksin

(b) Clock speed is a factor that affects the performance of a PC. Explain this statement.

.....

.....

.....

Duke Sir